

Roy P. Issac 10/825,288

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(FILE 'HOME' ENTERED AT 15:27:07 ON 28 AUG 2006)

FILE 'BIOSIS' ENTERED AT 15:29:06 ON 28 AUG 2006

E "(TAURINE BROMAMINE) OR (BROMOAMINO ETHANESULFONIC)"/CN 25

E " (BROMOAMINO ETHANESULFONIC)"/CN 25

E " (BROMOAMINO ETHANESULFONIC ACID)"/CN 25

E "TAURINE CHLORAMINE"/CN 25

L1 64 S E3

FILE 'REGISTRY' ENTERED AT 15:36:06 ON 28 AUG 2006

L2 1 S 51036-13-6/RN

SET NOTICE 1 DISPLAY

SET NOTICE LOGIN DISPLAY

SET NOTICE 1 DISPLAY

SET NOTICE LOGIN DISPLAY

FILE 'HCAPLUS' ENTERED AT 15:37:44 ON 28 AUG 2006

E "51036-13-6"/BI,RN 25

L3 162 S E3

L4 162 S E3 OR E5 OR E6

L5 84 S L4 AND (ACNE OR ANTI? OR BACTER? OR FUNG? OR DISINFECT?)

L6 0 S L5 AND (ACNE)

L7 0 S L5 AND (DERM?)

L8 0 S L5 AND (ETHYL CELLULOSE)

L9 0 S L5 AND (CELLULOSE)

L10 0 S L5 AND (GLYCEROL)

L11 1 S L4 AND (GLYCEROL OR ACNE OR CELLULOSE OR CETOMAKROGEL OR METH

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=> E "51036-13-6"/BI,RN 25

E1	24	51036-12-5/BI
E2	1	51036-12-5P/BI
E3	162 -->	51036-13-6/BI
E4	0	51036-13-6/RN
E5	1	51036-13-6D/BI
E6	16	51036-13-6P/BI
E7	9	51036-14-7/BI
E8	5	51036-14-7P/BI
E9	1	51036-15-8/BI
E10	1	51036-15-8P/BI
E11	12	51036-16-9/BI
E12	1	51036-16-9P/BI
E13	2	51036-17-0/BI
E14	1	51036-17-0P/BI
E15	2	51036-18-1/BI
E16	1	51036-18-1P/BI
E17	2	51036-19-2/BI
E18	1	51036-19-2P/BI
E19	2	51036-20-5/BI
E20	1	51036-20-5P/BI
E21	8	51036-21-6/BI
E22	2	51036-22-7/BI
E23	3	51036-23-8/BI
E24	2	51036-23-8P/BI
E25	24	51036-24-9/BI

=> S E3

L3 162 51036-13-6/BI

=> S E3 OR E5 OR E6

162 51036-13-6/BI
1 51036-13-6D/BI
16 51036-13-6P/BI

L4 162 51036-13-6/BI OR 51036-13-6D/BI OR 51036-13-6P/BI

=> S L4 AND (ACNE OR ANTI? OR BACTER? OR FUNG? OR DISINFECT?)

5806 ACNE
1453 ACNES
6847 ACNE
(ACNE OR ACNES)

2479519 ANTI?
602243 BACTER?
219578 FUNG?
99555 DISINFECT?

L5 84 L4 AND (ACNE OR ANTI? OR BACTER? OR FUNG? OR DISINFECT?)

=> S L5 AND (ACNE)

5806 ACNE
1453 ACNES
6847 ACNE
(ACNE OR ACNES)

L6 0 L5 AND (ACNE)

=> S L5 AND (DERM?)

58079 DERM?

L7 0 L5 AND (DERM?)

=> S L5 AND (ETHYL CELLULOSE)

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451378 ETHYL
    27 ETHYLS
451399 ETHYL
    (ETHYL OR ETHYLS)
638223 ET
    7597 ETS
644282 ET
    (ET OR ETS)
959785 ETHYL
    (ETHYL OR ET)
342295 CELLULOSE
    4302 CELLULOSES
342785 CELLULOSE
    (CELLULOSE OR CELLULOSES)
    10538 ETHYL CELLULOSE
        (ETHYL(W) CELLULOSE)
L8          0 L5 AND (ETHYL CELLULOSE)

=> S L5 AND (CELLULOSE)
    342295 CELLULOSE
    4302 CELLULOSES
    342785 CELLULOSE
        (CELLULOSE OR CELLULOSES)
L9          0 L5 AND (CELLULOSE)

=> S L5 AND (GLYCEROL)
    134308 GLYCEROL
    1311 GLYCEROLS
    134770 GLYCEROL
        (GLYCEROL OR GLYCEROLS)
L10         0 L5 AND (GLYCEROL)

=> S L4 AND (GLYCEROL OR ACNE OR CELLULOSE OR CETOMAKROGEL OR METHYLCELLULOSE OR
ETHYLCELLULOSE OR MENTHOL )
    134308 GLYCEROL
    1311 GLYCEROLS
    134770 GLYCEROL
        (GLYCEROL OR GLYCEROLS)
    5806 ACNE
    1453 ACNES
    6847 ACNE
        (ACNE OR ACNES)
    342295 CELLULOSE
    4302 CELLULOSES
    342785 CELLULOSE
        (CELLULOSE OR CELLULOSES)
    0 CETOMAKROGEL
    8913 METHYLCELLULOSE
    85 METHYLCELLULOSES
    8945 METHYLCELLULOSE
        (METHYLCELLULOSE OR METHYLCELLULOSES)
    3816 ETHYLCELLULOSE
    21 ETHYLCELLULOSES
    3826 ETHYLCELLULOSE
        (ETHYLCELLULOSE OR ETHYLCELLULOSES)
    11831 MENTHOL
    252 MENTHOLS
    11883 MENTHOL
        (MENTHOL OR MENTHOLS)
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L11 1 L4 AND (GLYCEROL OR ACNE OR CELLULOSE OR CETOMAKROGEL OR METHYLCELLULOSE OR ETHYLCELLULOSE OR MENTHOL)

=> DIS L11 1 IBIB IABS HITSEQ

THE ESTIMATED COST FOR THIS REQUEST IS 9.79 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L11 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:132335 HCAPLUS <<LOGINID::20060828>>

DOCUMENT NUMBER: 138:163601

TITLE: Prophylactic or therapeutic agents for mitochondrial diseases containing taurine, its precursors, and its derivatives

INVENTOR(S): Ota, Shigeo

PATENT ASSIGNEE(S): Taisho Pharmaceutical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2003048829	A2	20030221	JP 2001-234900	20010802
PRIORITY APPLN. INFO.:			JP 2001-234900	20010802

ABSTRACT:

The agents for prevention or treatment of CPEO (chronic progressive external ophthalmoplegia), MERRF, MELAS, other diseases due to mitochondrial gene mutations, e.g. diabetes, cardiomyopathy, etc., contain ≥ 1 selected from taurine, taurine chloramine, S-containing amino acids, their pharmacol. acceptable salts, and taurine derivs. A granule containing taurine 3000, powder sucrose 600, Aerosil 36, aspartame 9, low-substituted hydroxypropyl cellulose 54 mg was prepared Respiratory capacity of cybrid cells having a point mutation at position 3243 of the tRNA^{Leu}(UUR) of the mitochondrial DNA was increased by incubation with taurine, while respiratory capacity of a control cell having normal mitochondrial DNA was not affected.

IT 51036-13-6, Taurine chloramine

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL

(Biological study); USES (Uses)

(treatment of mitochondrial diseases using taurine, its derivs. or

S-containing amino acids to normalize respiration of mitochondria having mutated gene)

RN 51036-13-6 HCAPLUS

CN Ethanesulfonic acid, 2-(chloroamino)- (9CI) (CA INDEX NAME)

ClNH-CH₂-CH₂-SO₃H

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=> logoff

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